

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Douglas F. Covey Serial No. 10/008,567 Filed November 5, 2001 Confirmation No. 6682 Examiner Evelyn Mei Huang Art Unit 1625

Ves

Q.

For CYTOPROTECTIVE POLYCYCLIC COMPOUNDS

September 5, 2003

DECLARATION OF DOUGLAS F. COVEY

TO THE ASSISTANT COMMISSIONER FOR PATENTS, Washington, D.C. 20231

- I, Douglas F. Covey declare as follows:
- 1. I am a professor employed by Washington University of St. Louis, located in the State of Missouri.
- 2. I am the inventor of the subject matter claimed in the above-identified U.S. Patent application, Serial No. 10/008,567.
- 3. I conceived and reduced to practice the invention of claim 36, as presented in Amendment B submitted herewith, prior to October 19, 2000.
 - 4. All work referred to herein was carried out in the United States.
- 5. Evidence of my conception and reduction to practice of a compound having cytoprotective activity, as described by claim 36 of Amendment B submitted herewith, is attached hereto as Exhibits A, B and C. On information and belief, Exhibit A is a true and

correct copy of pages of a laboratory notebook (with dates deleted) maintained by Zu Yun Cai who, at the time the work described in these pages was performed, was working under my direction and supervision. The work described on these pages was carried out prior to October 19, 2000. Exhibit A identifies and describes the preparation of the following cytoprotective compound:

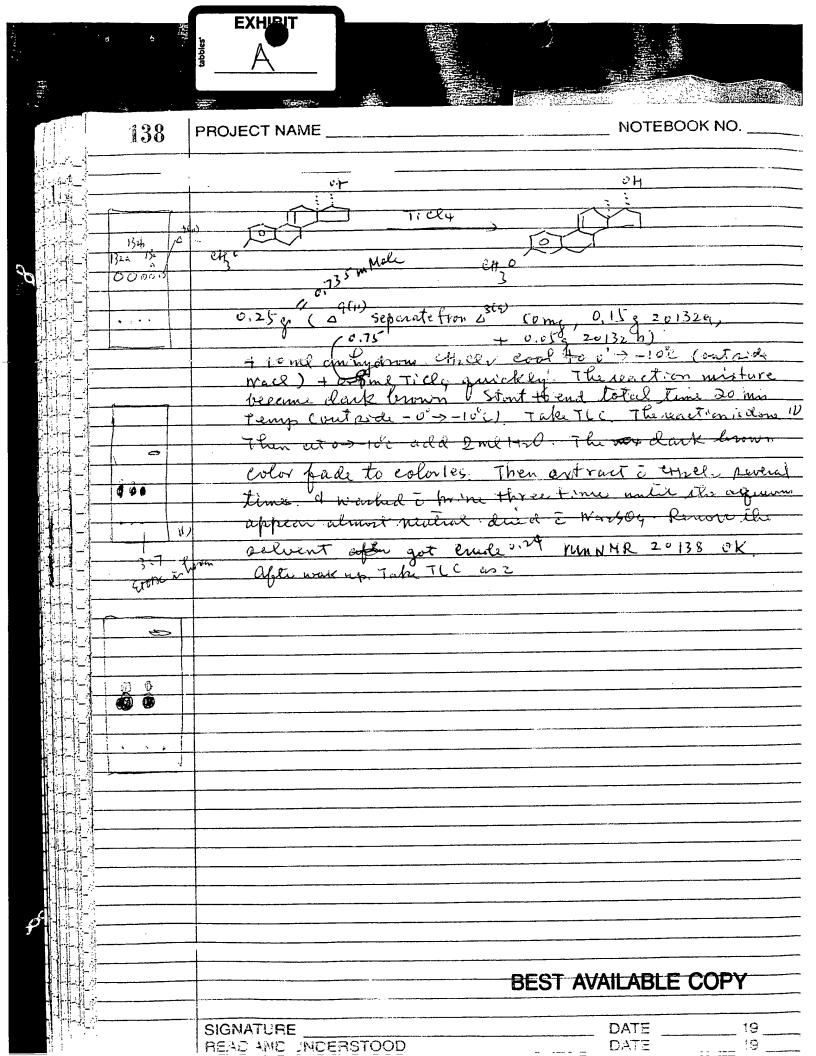
Additionally, on information and belief, Exhibits B and C are true and correct copies of NMR and Ultraviolet spectra, respectively, of the above-referenced compound (with dates deleted) maintained by Zu Yun Cai who, at the time these analyses were performed and the spectra were generated, was working under my direction and supervision. These analyses were performed and the spectra were generated prior to October 19, 2000.

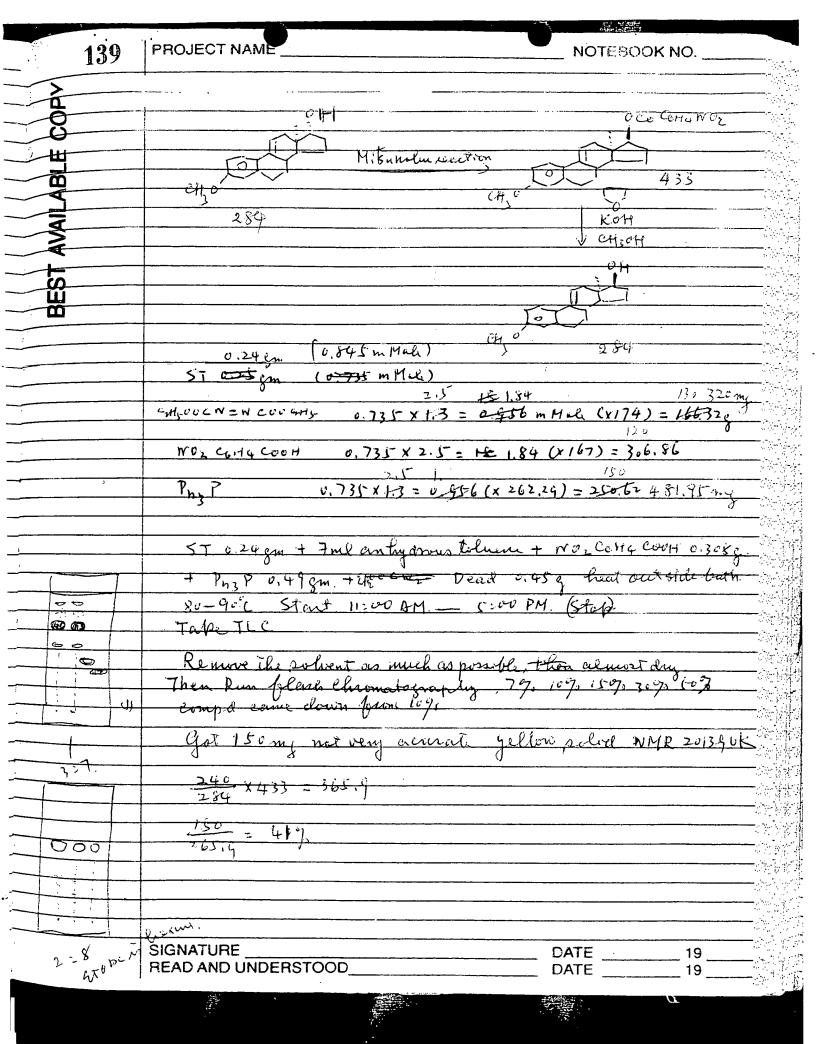
Accordingly, Exhibits A, B and C evidence my conception and reduction to practice of the cytoprotective compounds of claim 36, as amended, prior to October 19, 2000.

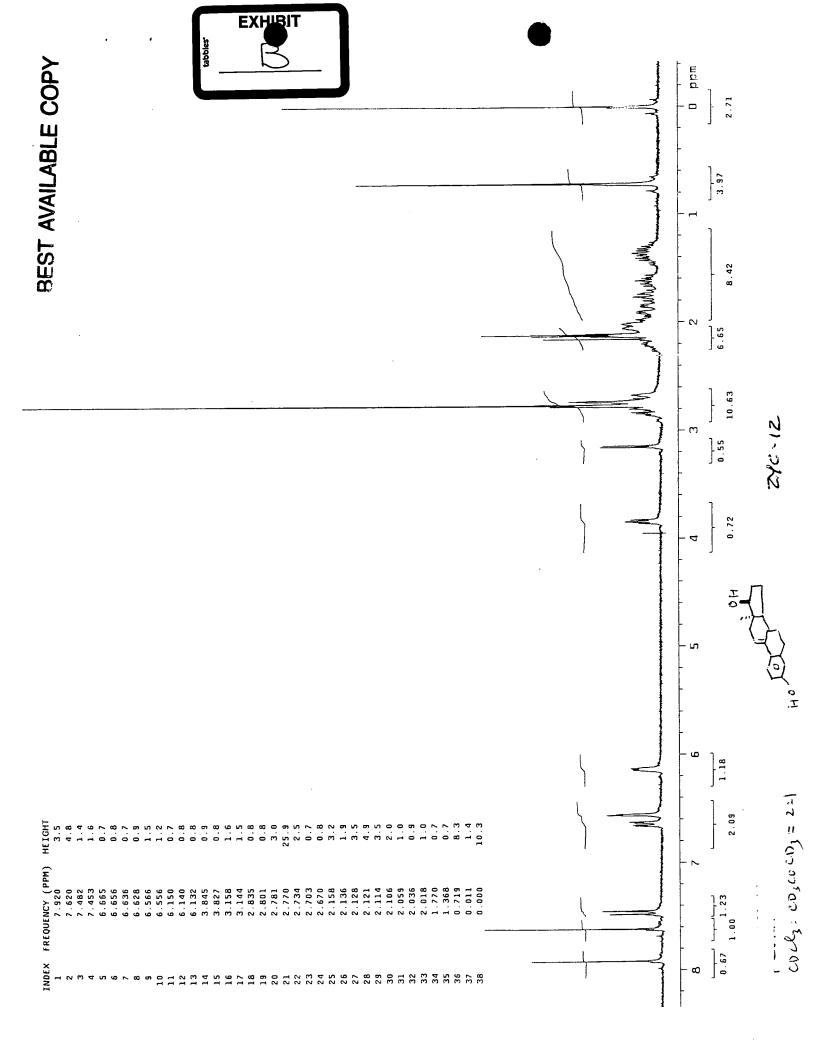
6. I declare that all statements made herein of my knowledge are true; and further that these statements were made with the knowledge that willfully making false statements is punishable by fine, imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

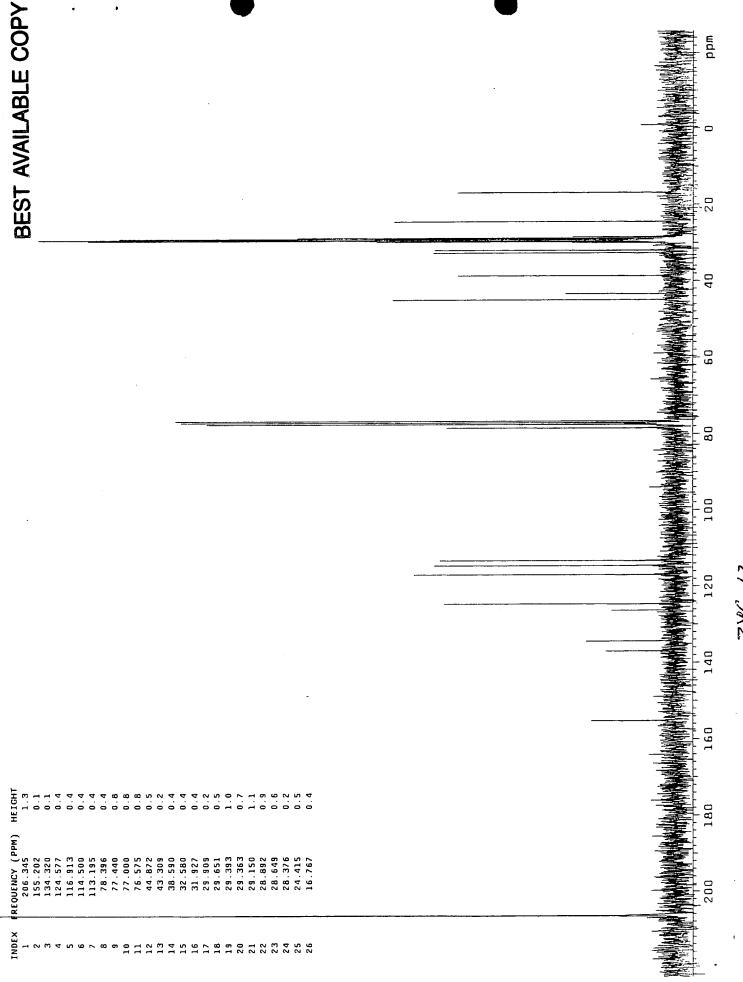
Sept. 5, 2003

Douglas F. Covey



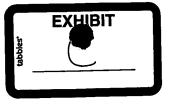




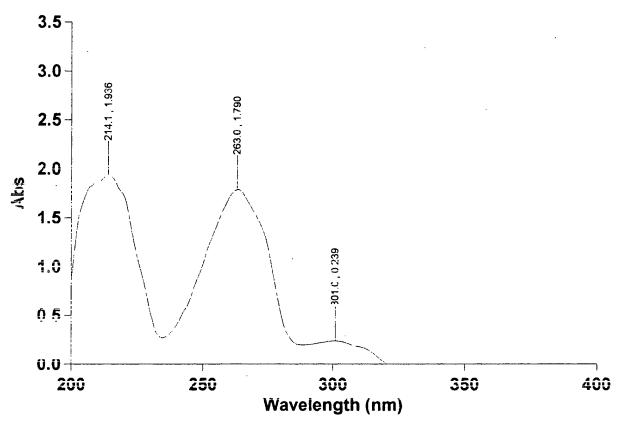


21-22

Co cos: cos co cos 22:13



Dr Garland Marshall's LAB. Instrument Serial Number EL98103244 Take 0.5 ml dilute to Sml.



Scan Analysis Report

Report Time :

Batch:

Software version: 02.00(25)

Operator: guest.

Sample Name: 20141 Collection Time

Peak Table Peak Style Peak Threshold

Range

Peaks 0.0100

400.0nm to 199.9nm

Wavelength (nm) Abs 301.0 0.2389 -1.7901 263.0 214.1 1.9359

240.12